



Missouri Native Plant Society Hawthorn Chapter Newsletter

Volume 36, Number 5

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The Hawthorn Chapter of the Missouri Native Plant Society Newsletter is published monthly. Send submissions by the 26th of every month to:

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We would like to read about announcements, impressions, species accounts, photos, poems, links to scientific articles or other creative nature writing from you, too. Please submit during the second half of every month.

This is the 36th year Hawthorn has supplied a newsletter to chapter members.

May 2021

Future Activities Calendar

For the foreseeable future we will have presentations and occasional meetings offered by Zoom. Our traditional meeting time is second Mondays at 6:30. If you are sincerely interested in learning from our group, pay attention to updating emails. Schedules will change through the summer as health advisories change.



Announcements

There is no ZOOM Program scheduled for our MAY chapter meeting.

We will offer a **Mother's Day Mosey to 100 Acre Woods** in north Boone Co one mile beyond Pinnacle Park. Bring the whole family to enjoy spring. Most of the areas have been burned so tick numbers are greatly reduced. Boots, long pants, and a sun hat are encouraged. Bring your own water and camera.

We will gather on Pinnacle Road at 2pm Sunday 9 May.

And we strongly encourage attending this field trip to compare ecosystems in Schwartz Prairie and 25-Mile Prairie <https://moprairie.org/event/field-trip-vinegar-or-baking-soda-how-geology-influences-two-great-prairies/> . This is 29 May 10am to 2pm in north Polk Co just east of Humansville. You must make a reservation.

Additional activity in May

We will be participating in the Bass Pro Plant Sale to benefit MPF/GN Sat 22 May 10am to 1 pm.

Hawthorn members - We have waited over a year to talk to the public and find new homes for our beloved native plants. This is our first opportunity to revive this activity. The date - 22 May - has been on the calendar over 6 months and we now have approval from GN and BassPro to set up our booth in their parking lot - not under the front porch as in years past. Even if fully vaccinated, we will still wear masks and try to stay apart in respect for the safety of all in the community.

I have my time and energy full to bring plants to the sale. **We need a few hands to bring and set up the tent, tables, display banners, books and pamphlets.** Hopefully you will be willing to stay until the end to explain to newbies the available species and their favorite habitat so they can be successful in their new gardening adventure. Then help pack up to leave.

Set up time starts at 9. If you get there early, remember we are volunteers and arrive when life allows, so patience and teamwork is required. Plants should arrive about 9:30. They need to be sorted by habitat needs. Many flats can remain on the trailer.

Please contact me [Becky] if you have a serious dedication to help - include your phone number;

I don't text. I need to know you intend to come so you can be contacted in case of any changes - like weather.

Walk-Through Native Plant Sale at Columbia Bass Pro Shops Sportsman's Center® on May 22

Enjoy shopping from five native plant and tree vendors from around Missouri.

Columbia, MO (April 26, 2021)—On Saturday, May 22, a wide variety of native perennial wildflowers, grasses, sedges, vines, shrubs, and trees supplied by **five native plant vendors** will be available for sale in the north parking lot at Bass Pro Shops Sportsman's Center, 3101 Bass Pro Drive, Columbia, MO 65202 from 10:00 a.m. to 1:00 p.m.

Plants, trees, and shrubs for sun, shade, dry, and moist soils will be available from **Gaylena's Garden** of Barnett, **Sunrise Gardens** of Columbia, **Missouri Wildflower Nursery** of Brazito, the **Hawthorn Chapter of the Missouri Native Plant Society**, and **Prairie Hill**

GOLD LINKS

All new MPF/GN events posted here:
<https://grownative.org/events/>

Sign up for MO Prairie Journal

<https://moprairie.org/mission/missouri-prairie-journal/>
Find links to educational webinars every Wed afternoon on the MPF site.

2020 Missouri Natural Areas Newsletter

Enjoy your 2020 Missouri Natural Areas Newsletter! This edition features articles examining Missouri's tremendous native plant diversity and its ecology. Sit back and enjoy the read as we look forward to spring's earliest wildflowers.

<https://nature.mdc.mo.gov/discover-nature/find-places-go-mo/natural-areas/natural-areas-newsletter>

Check out the BudBurst site and get ready to record spring sprouts, flowers and later, seeds

<https://budburst.org/>
They need your data!!!

The Naturalist's Notebook used to record phenology is available from storey.com for \$19.95. Here is the link to the calendar you can print yourself:
https://www.storey.com/wp-content/uploads/2020/02/Naturalists_Notebook_Calendar_01.pdf

Farm of Auxvasse. Some vendors accept cash, check, or credit cards; some only cash or checks. All shoppers must follow local health guidelines.

"This event is a wonderful opportunity to purchase native trees, shrubs, wildflowers, and grasses to beautify your surroundings and support nature's web of life in your yard or on your property," said Carol Davit, MPF Executive Director.

Shoppers may also pre-order plants from the following vendors, if they wish, and have them ready for purchase at the sale:

Hopefully NPS members will partake in this opportunity and patronize our local vendors.

Gaylena's Garden: View the [plant list here](#) and email your order to gaylenasgarden@gmail.com by Thursday, May 20. Current plant list is available on the [Gaylena's Garden Facebook page](#).

Sunrise Gardens: Order online here by Thursday, May 20: <https://sunrisegardens.net/>

Missouri Wildflowers Nursery: Order by calling 573-496-3492, by email at mowldflrs@socket.net, or online [here](#) by Tuesday, May 18: <http://mowildflowers.net/>

The Missouri Prairie Foundation is a 55-year-old conservation organization and nationally accredited land trust. Its mission is to protect and restore prairie and other native grasslands through acquisition, management, education, and research. The Missouri Prairie Foundation also runs the 21-year-old Grow Native! program (www.grownative.org) and administers the Missouri Invasive Plant Task Force (www.moinvasives.org).

Missouri Prairie Foundation: [Web Site](#) [Facebook](#) • [Instagram](#) • [Twitter](#) • [YouTube](#)

Missouri Prairie Foundation's Grow Native! Program: [Web Site](#) • [Facebook](#) • [Instagram](#) • [Twitter](#)

Missouri Prairie Foundation/Grow Native!'s: [Missouri Invasive Plant Species Task Force \(MolP\)](#)



**Thanks to Elena for her submission this month
NOW is a very good time to pull bush honeysuckle seedlings.**



Missouri Native Plant Society Awards Nominations

Due May 15. The MONPS Awards Committee seeks nominations of people who have supported the preservation of Missouri's flora and have helped MONPS beyond an average effort.

MONPS offers six awards:

- 1) Erna Eisendrath Memorial Education Award, recognizing individuals who, through teaching, writing, or other activity have conveyed to others a significant appreciation and knowledge of Missouri's native flora.
- 2) Arthur Christ Research Award, recognizing an individual's significant contribution in furthering the knowledge of Missouri flora.
- 3) Plant Stewardship Award, recognizing an individual or organization for the preservation of important elements of Missouri's flora through purchase, registry, and/or management practice.
- 4) The John E. Wylie Award, recognizing individuals who have provided exceptional service to the Society.
- 5) Plant Conservation Award, recognizing an individual or organization for outstanding contributions to the conservation or preservation of native plants or plant communities in Missouri. This award differs from the Plant Stewardship Award in that it is not tied to direct acquisition or management of tracts of land, but instead may recognize various types of outstanding achievements or efforts, such as conservation planning, advocacy, or new ways of looking at old problems.
- 6) Julian A. Steyermark Award, the Society's highest award, given to an individual who has made outstanding contributions to any and all aspects of Missouri botany. The deadline for nominations is May 15. Nominations should contain the full name of the nominee and the name of the person making the nomination, and they should set forth the contributions of the individual or organization that merits recognition. Award recipients need not be members of MONPS. Please submit nominations to Awards [Committee Chairwoman, Malissa Briggler: malissa.briggler@mdc.mo.gov](#)



VOLUNTEERING OPPORTUNITIES

Many of you have expressed interest in helping to manage the myriad of native plant gardens around town and at Columbia Public Schools as a reason to get outside and a process of education. Doing this community service is applicable to your MMN re-pay requirements. Even if you have not had MMN training, working in these gardens will help you learn how to recognize good native plants from undesirables. Lea is the leader for this volunteer group [named Volunteer of the Month by City of Columbia this summer].

Activities are announced weekly, so sign up now to know when and where to get started. Lea knows where all the gardens are and offers a schedule, received from her by email, when group weeding parties

What will you learn? Speakers are drawn from their most knowledgeable membership, from professionals across the state, and from the professors and students studying Tennessee native plants. A range of topics will be covered that may include plants that are currently blooming, native plants in your yards, current research on native plants, protections for native plants, and so much more.

To learn more about **Deep Roots KC** or to view previous educational webinars, visit <https://deeprootskc.org/>

Insecticides Found in Milkweed Samples

*Synopsis from Xerces Society **Wings** 43:2, Fall 2020, P30.*

They collected and tested 225 samples of milkweed from California Central Valley [ag field edges, wild areas, plants from nurseries, suburbs] during June of 2019. Retail nurseries and ag field samples had more insecticides. They found 64 different chemicals. 32% of the samples contained levels of harmful insecticides known to harm butterflies. Five were contained in 80% of all samples. Two which were found in 90% of the 225 samples: chloranthraniliprole and methoxyfenozide.

[Ed. Note] PLEASE!!

Take this data into consideration when purchasing plants. If you don't get them from a reputable native plant dealer – please consider propagating natives from local-sourced wild seed or *insitu* [seed in ground].

Presenters:

May 18: Milo Pyne, Native Plants of the Cedar Glades

June 15: Cooper Breeden, Tennessee Plant Conservation Alliance

July 20: Meredith Clebsch, Native Plant Propagation

August 17: Bart Jones, Pollination Strategies of Native Orchids

September 21: Pandy Upchurch, Edible Natives

October 19th: TBA

November 16: Margie Hunter, Invasive Plants of Tennessee

January 18: Dave Walters and Dr. Cindi Smith-Walters, Winter Plant Identification



30/30 PLAN

Released through MPF Newsletter 9 Feb 2021

https://static1.squarespace.com/static/5e46ffc2fdded45a6c5577ea/t/5f35766a7917ff479b62e26b/1597339249363/30x30Factsheet_Branded.pdf

WASHINGTON, D.C. (Jan. 27, 2021) – The Land Trust Alliance, a national land conservation organization working to save the places people need and love by strengthening land conservation across America, today welcomed the United States president's executive order that commits to the goal of conserving at least 30 percent of our lands and oceans by 2030. The following statement can be attributed to Andrew Bowman, president & CEO of the Land Trust Alliance:

President Biden's executive order calling for "conservation of at least 30 percent of the U.S. land base by 2030" and a "pause on entering into new oil and natural gas leases on public lands or offshore waters to the extent possible." These orders signal a welcome shift toward prioritizing environmental justice and tackling climate change with the full weight and all the tools of the federal government. This is an audacious and timely conservation challenge that requires the conservation of millions of acres of land in private ownership. The nation's land trusts are ready and willing to help private landowners conserve their lands at this ambitious scale.

"With a new sense of urgency, the land trust community will do its part together with farmers, ranchers, foresters, fishermen, tribes, states and local officials across the country to help make the 30x30 goal a reality."



Submissions for Next Petal Pusher

Submitted by Michelle Bowe, Petal Pusher Editor

[Ed. Note: when I was PP editor, I requested identical format. Very few followed. It takes hours of extra time to "fix" submissions that do not follow requested format. PLEASE LOOK at Michelle's requested format and do your best to follow it when sending your submissions. As a college professor, Michelle does not have the time and focus that I had.]

Please consider making a submission for a future Petal Pusher! Here is some information for submissions:

A. The theme for the next issue is "Potential Emerging Invaders." Other submissions are also welcome!!

B. Send ONE email saying "here is my contribution on____," and **attach** (don't embed) the following:

1) an article in Word format with photo captions at the end (no photos imbedded in the Word document) and your name in the text.

2) 2 to 3 images, preferably in JPEG format

C. Use only one space between sentences

D. Even short notes with pictures would be great!

E. **Send to: mbowe@missouristate.edu**



"Talking to plants is one way of talking directly to the Great Spirit" Rosemary Gladstar



Essay by Margaret Renkl, NY Times, 26 February 2021

Link to full article:

<https://www.nytimes.com/2021/02/26/opinion/winter-gardening-wildlife.html>

Link to

Braiding Sweetgrass

by Robin Wall Kimmerer. If you want to assist Robin's cause with a purchase of one or more of her books, please do. If you cannot afford this purchase at this time, this is a gift of a free download:

https://pdfforall.com/wp-content/uploads/2020/08/Braiding-Sweetgrass-PDFORALL.COM_.pdf

HUMMERS

Hummingbirds are here! Be on the lookout for the early scouts and have a feeder ready. Boil 1 qt of cold water with 1 cup of white sugar [or 2 and 2]. Store extra sugar-water in liter water bottles on the counter. Do not hang feeders in the sun – it will spoil fast. Rinse all feeder parts at each filling. Songbird Station has water ant traps [\$6] to hang with your feeders. I smear Vaseline mixed with neem oil and cinnamon on the feeder top.



Sanguinaria

BEphoto



Claytonia virginica

BE photo



Trillium

of raspberry brambles (*Rubus* sp.) for berry collecting in late June.

We decided to return earlier in the day on Sunday, April 25, to get to the top of the ridge in hopes of finding even more wildflowers. A small group of us reconvened

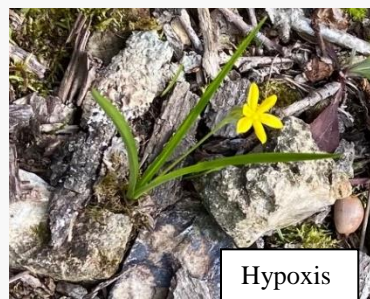
at 3:30; we again started uphill behind the shelter building and along the narrow creek trail. Once again, we admired colonies of the same species mentioned from the first day. This time we followed the red arrow directing us left - up to the ridge top. We passed a nice bunch of dogwoods blooming on the way up. On the ridge glade, carefully watching our exact foot-falls, we picked our way through amazing stands of numerous



Delphinium



Dodecatheon



Hypoxis

species. In this newly visited area, we identified: May apples (*Podophyllum peltatum*), Yellow star grass (*Hypoxis hirsuta*) Dwarf larkspur (*Delphinium tricorne*), Shooting star (*Dodecatheon meadii*), Dutchman's breeches (*Dicentra cucullaria*), Wild comfrey (*Cynoglossum virginianum*), Rue anemone (*Anemonella thalictroides*), Indian physic (*Gillenla stipulata*), and Pussytoes (*Antennaria parlinii*).

As we walked the trail, it was obvious the park staff has done a lot of work to remove invasive honeysuckle, **but there is still more work to do!** There were very few mature bush-honeysuckle on the ridge glade; we helped the issue by pulling at least 100 seedlings. If you visit there, please help by pulling seedlings. It will save our native heritage and many resources in the future.

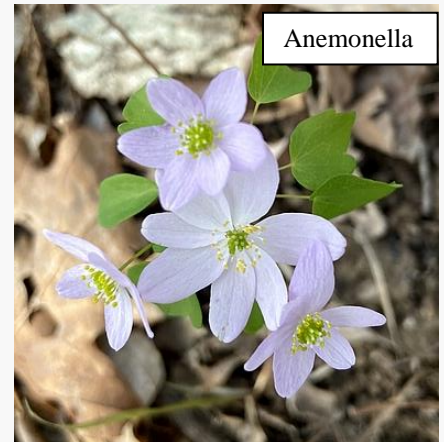
Earth Day Celebration!

Text and photos submitted by Elena

After a year of meeting through Zoom, it was great to be able to get together in person to celebrate Earth Day 2021. On April 22, about a dozen Hawthorn chapter members met at the Grindstone Nature Area parking lot at 5:45 pm and hiked one of the dirt trails to see spring blooming wildflowers. According to the Columbia, Missouri Parks and Rec Guide Brochure, the Grindstone Nature Area has at least 5.2 miles of dirt trail featuring upland woods, prairie, and creeks. Along the trail, we passed an old mill and well location identified by a small laid rock foundation. We were greeted by wildflowers including sparkling blue clouds of Blue-eyed Mary (*Collinsia verna*), Sweet William (*Phlox divaricata*), and common blue violet (*Viola sororia*) dotted with yellow violet (*Viola pubescens*), False rue anemone (*Isopyrum biternatum*), and Trillium (*Trillium sessile*). Keep in mind lots



Collinsia



Anemonella



Podophyllum



Cornus florida

Topics for This Years' Petal Pusher

the state MONPS newsletter

You don't need to be an expert, but if you have good repeatable experience as a naturalist on any of these subjects, you are welcome to offer your knowledge to the rest of us.

If we have members who are experts on any of these topics, Michelle Pruitt [on masthead] is willing to do an amateur proofread for you if that would be helpful.

The submission deadline for the July/Aug issue is 20 June, ALWAYS - 20th of even numbered months. If you don't understand subjects, parameters, or submission format, contact Michelle Bowe, PP editor MBowe@MissouriState.edu .

- Focus on a Plant Family could be used every year. Louise Flenner of Hawthorn chapter wrote a good article on this topic in 2019. Would be good to study that as a template.

- Potential Emerging Invaders. **Have you seen a new plant invader?** Someone from MoIP as contributor; Malissa Briggler volunteered. Any one of us could study invasive plants; MPF Journal featured invasives during 2020. Just search 'invasive plants' and pick one to report on.

- Favorite Natural Areas. Suggested to also have chapters solicit articles from their members. This means YOU can write about your favorite Natural Area

- **Historical Botanists.**

- Better Know a Genus. These are species accounts. You observe/research a species or genus and describe the whole life cycle including preferred habitat and vectors/predators.

Regular Recurring Columns:

Conundrum Corner Contributors needed!

Invasive Tip of the Month Tips to identify and eradicate invasives, with a different species in each issue. Contributors needed!

Other Recurring Columns: **Casey's Kitchen** Casey Burks

Name Change of the Month Justin Thomas. Other volunteers welcome.

Poetry Corner or Quotation Corner Send suggestions for poems or quotes for inclusion. Note that for poems, we must have permission from the publisher.

Where are we going Features we will see on the next field trip. Malissa Briggler?

And here's where you can become newsletter famous by submitting your questions: <https://monativeplants.org/ask-a-question>

Ask a question Questions from website, answered. Facilitated by Jerry Barnabee.

Please Step Forward For Service Membership and Service

Please contact one of the officers to volunteer a little time to a very good environmental and educational service. We need people to serve as officers, to grow plants for fundraising, to man our information booth at events such as Earth Day and Bradford Plant Sale, and to care for native gardens in public places. We send communications and the newsletter by email.

State Membership Level (check all that you request):

____ Student \$5
____ Goldenrod \$10
____ Sunflower \$25
____ Blue Bell \$50
____ Blazing Star \$100

State Life Membership: contact us via website [monativeplants.org], navigate to

"Ask a Question": Life Time Memberships)

____ Surcharge for paper state Petal Pusher by mail \$10

Minimum required annual membership per household is \$10 for students or \$15 for non-students [state+chapter]

Chapter membership:

____ Hawthorn Chapter \$5

Hawthorn requires chapter newsletters by email = no charge

____ Hawthorn life membership \$120

Make check payable to: **Native Plant Society.**

Send check and this form to:

Paula Peters, 2216 Grace Ellen Dr., Columbia, MO 65202

MEMBERSHIP FORM

Missouri Native Plant Society-Hawthorn Chapter
Fiscal year is July 1 through June 30.

How were you attracted to join MONPS?

Name _____

Address _____

Phone: Evening _____

Day or Cell _____

Required

Email: _____

As of July 2018, Petal Pusher printed on paper in grayscale, sent by post, will cost an additional \$10 more than standard membership. Email delivery brings you color photos, and instant delivery. It saves natural resources, pollution, and MONPS' and your money.